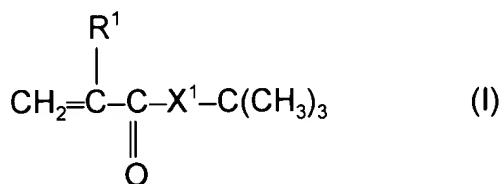


**COPY OF ALL CLAIMS**

1. A cosmetic composition comprising at least one water-soluble or water-dispersible polymer which comprises, in copolymerized form,
  - a) from 40 to 85% by weight of at least one  $\alpha,\beta$ -ethylenically unsaturated monomer of the formula I

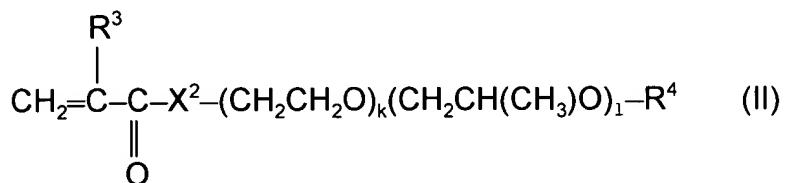


in which

$\text{R}^1$  is hydrogen or  $\text{C}_1\text{-C}_8$ -alkyl, and

$\text{X}^1$  is O or  $\text{NR}^2$ , where  $\text{R}^2$  is hydrogen,  $\text{C}_1\text{-C}_8$ -alkyl or  $\text{C}_5\text{-C}_8$ -cycloalkyl,

- b) from 10 to 30% by weight of at least one  $\alpha,\beta$ -ethylenically unsaturated mono- and/or dicarboxylic acid,
  - c) from 1 to 20% by weight of at least one compound having at least one  $\alpha,\beta$ -ethylenically unsaturated double bond and at least 5 alkylene oxide units per molecule, chosen from polyether acrylates of the formula II



in which the order of the alkylene oxide units is arbitrary,

$k$  and 1 independently of one another are an integer from 0 to 50, the sum

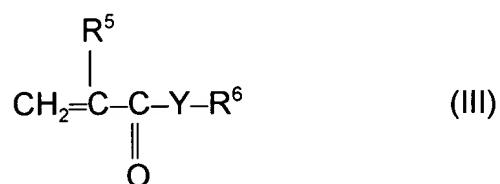
k + l being at least 5,

R<sup>3</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl, and

R<sup>4</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

X<sup>2</sup> is O or NR<sup>2</sup>, where R<sup>2</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

- d) from 1 to 30% by weight of at least one compound having at least one α,β-ethylenically unsaturated double bond and at least one straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl or -alkylene radical per molecule, chosen from compounds of the formula III



in which

R<sup>5</sup> is hydrogen or C<sub>1</sub>-C<sub>8</sub>-alkyl,

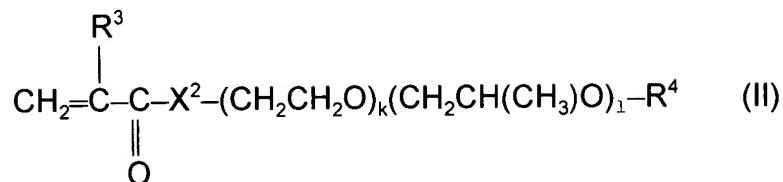
R<sup>6</sup> is a straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl radical, and

Y is O or NR<sup>7</sup>, where R<sup>7</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

where the components c) and/or d) can be partially or completely replaced by a component e), where

- e) is at least one compound having at least one α,β-ethylenically unsaturated double bond, at least 5 alkylene oxide units and at least one straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl or -alkylene radical per molecule, where component e) is chosen from

e1) polyether acrylates of the formula II



in which the order of the alkylene oxide units is arbitrary,  
k and l independently of one another are an integer from 0 to 50, the sum  
 $k + l$  being at least 5,

$\text{R}^3$  is hydrogen or  $\text{C}_1\text{-C}_8$ -alkyl, and

$\text{R}^4$  is  $\text{C}_8\text{-C}_{30}$ -alkyl,

$\text{X}^2$  is O or  $\text{NR}^2$ , where  $\text{R}^2$  is hydrogen,  $\text{C}_1\text{-C}_8$ -alkyl or  $\text{C}_5\text{-C}_8$ -cycloalkyl,

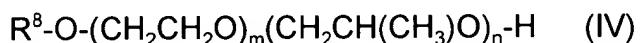
e2) urethane (meth)acrylates containing alkylene oxide groups and mixtures thereof

or the salts thereof.

5. A composition as claimed in claim 1, where component e2) comprises, in incorporated form, the following compounds: f, g and h; or f, h, i and m; or g and l; or i, l and m; or f, i, l and m; or f, h, k and m and optionally other compounds, where

f) is at least one diisocyanate,

g) is at least one compound of the formula IV



in which the order of the alkylene oxide units is arbitrary,

$\text{R}^8$  is a straight-chain or branched  $\text{C}_8\text{-C}_{30}$ -alkyl radical,

m and n independently of one another are an integer from 0 to 50, the sum m+n being at least 5,

- h) is at least one  $\alpha,\beta$ -ethylenically unsaturated compound which, per molecule, additionally contains at least one group which is reactive toward isocyanate groups,
- i) is a compound chosen from monohydric alcohols, diols, amines, diamines and aminoalcohols having at least one straight-chain or branched C<sub>8</sub>-C<sub>30</sub>-alkyl or -alkylene radical per molecule, and mixtures thereof,
- k) at least one aliphatic, cycloaliphatic or aromatic monoisocyanate,
- l) is at least one  $\alpha,\beta$ -ethylenically unsaturated compound which additionally contains at least one isocyanate group per molecule,
- m) is at least one compound of the formula V



in which

the order of the alkylene oxide units is arbitrary,

p and q are as defined above for m and n,

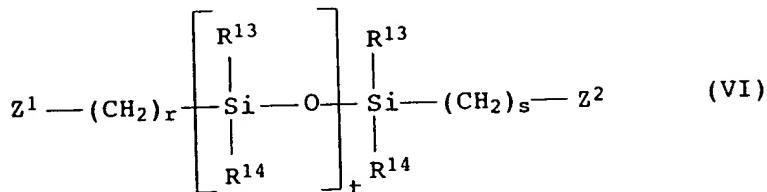
R<sup>9</sup> is OH or NHR<sup>11</sup>, where R<sup>11</sup> is hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl or C<sub>5</sub>-C<sub>8</sub>-cycloalkyl,

R<sup>10</sup> is H, CH<sub>2</sub>CH<sub>2</sub>NHR<sup>11</sup> or CH<sub>2</sub>CH(CH<sub>3</sub>)NHR<sup>11</sup>.

6. A composition as claimed in claim 5, where component e2) additionally comprises, in incorporated form, at least one component chosen from
  - n) compounds having a molecular weight in the range from 56 to 300 which contain

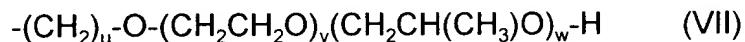
two active hydrogen atoms per molecule,

- o) polytetrahydrofurans having two active hydrogen atoms per molecule,
- p) polysiloxanes of the formula VI



in which

$\text{R}^{13}$  and  $\text{R}^{14}$  independently of one another are  $\text{C}_1\text{-}\text{C}_4\text{-alkyl}$ , benzyl, phenyl or a radical of the formula VII



where

in the formula VII the order of the alkylene oxide units is arbitrary,

$u$  is an integer from 1 to 8,

$v$  and  $w$  independently of one another are an integer from 0 to 200, the sum  $v + w$  being  $> 0$ ,

$\text{Z}^1$  and  $\text{Z}^2$  independently of one another are OH,  $\text{NHR}^{15}$  or a radical of the formula VII, where  $\text{R}^{15}$  is hydrogen,  $\text{C}_1\text{-}\text{C}_6\text{-alkyl}$  or  $\text{C}_5\text{-}\text{C}_8\text{-cycloalkyl}$ ,

$r$  and  $s$  independently of one another are from 2 to 8,

$t$  is from 3 to 50,

and mixtures thereof.

7. A composition as claimed in claim 1, comprising a polymer which comprises, in copolymerized form,

- from 45 to 80% by weight, of at least one component a),
- from 15 to 28% by weight, of at least one component b),
- from 2 to 15% by weight, of at least one component c),
- from 2 to 25% by weight, at least one component d),

where components c) and/or d) can be partially or completely replaced by a component e).

8. A composition as claimed in claim 1 in the form of a hair-treatment composition.
9. A composition as claimed in claim 1, comprising
  - (a) from 0.5% to 20% by weight of a water-soluble or -dispersible polymer as defined in claim 1,
  - b) from 30 to 99.5% by weight, of at least one solvent chosen from water, water-miscible solvent and mixtures thereof,
  - c) from 0 to 70% by weight of a propellant
  - d) from 0 to 10% by weight of at least one water-soluble or -dispersible hair polymer which is different from a),
  - e) from 0 to 0.3% by weight of at least one water-insoluble silicone,
  - f) from 0 to 1% by weight of at least one nonionic, siloxane-containing, water-soluble or -dispersible polymer.
10. Coating composition or binder for solid medicament forms or coating composition for the textile, paper, printing, leather and adhesive industries, comprising a polymer as defined in claim 1.

11. A composition as claimed in claim 9, wherein component b) is from 40 to 99% by weight.
12. A composition as claimed in claim 1, in the form of a hair spray.